

# **APPENDIX A**

**BENCHMARK CHARACTERISTIC ANALYSIS  
OF DATA FROM FIXED STATIONS IN THE  
ST. MARYS RIVER WATERSHED  
1991 TO 1997**

Station: STM-11		Confid.		Confid.		Lower		Upper		Range		Quantile		Standard		Std.Err.		Std.Err.	
Valid N	Mean	-95.000%	+95.000%	Median	Sum	Minimum	Maximum	Quantile	Quantile	Range	Range	Quantile	Quantile	Variance	Std.Dev.	Error	Skewness	Kurtosis	Kurtosis
Alkalinity (mg/l)	181.84	172.5588	191.1212	184	13638	84	270	159	209	186	186	50	1627.244	40.33912	4.65796	-0.18295	0.2774	-0.27818	0.548211
Ammonia (mg/l as N)	0.143333	0.110997	0.175669	0.1	10.75	0.05	0.7	0.05	0.2	0.65	0.65	0.15	0.019752	0.140543	0.016228	1.981788	0.2774	4.023114	0.548211
BOD (mg/l)	3.385714	2.659776	4.111653	2.8	118.5	0.5	9.3	1.6	4.9	8.8	8.8	3.3	4.465866	2.113283	0.35721	1.000152	0.397694	0.477423	0.777794
COD (mg/l)	27.47067	25.41905	29.52228	27.1	2060.3	7	54	22	33	47	47	11	79.51291	8.917001	1.029647	0.068647	0.2774	0.394108	0.548211
Cyanide (mg/l)	3.878667	3.106105	4.651228	3.1	290.9	0.05	13	1.3	5.5	12.95	12.95	4.2	11.27488	3.357808	0.387726	1.229601	0.2774	0.872472	0.548211
Nitrate (mg/l as N)	0.284933	0.256451	0.313418	0.28	21.37	0.09	0.69	0.19	0.34	0.6	0.6	0.15	0.015325	0.123796	0.014295	1.081728	0.2774	1.593565	0.548211
Total Phosphorus (mg/l as P)	594.4	567.2704	621.5296	581	44580	300	866	507	680	566	566	173	13903.73	117.9141	13.61554	0.111862	0.2774	-0.51887	0.548211
Total Solids (mg/l)	81.92	64.98836	98.85164	69	6144	2	420	32	102	418	418	70	5415.561	73.5805	8.497499	2.486664	0.2774	8.712768	0.548211
Suspended Solids (mg/l)	0																		
Dissolved Solids (mg/l)	0																		
Sulfate (mg/l)	0																		
TKN (mg/l as N)	0																		
E. col (CFU/100ml)	1586.667	725.2686	2438.065	465	114240	10	25000	170	1550	24990	24990	1380	1.3E+07	3623.148	426.9921	5.061566	0.282898	28.72023	0.558831
TOC (mg/l)	0																		
Hardness (mg/l)	302.6533	287.6563	317.6504	310	22699	126	478	260	359	352	352	99	4248.716	65.18218	7.526589	-0.38564	0.2774	0.234012	0.548211
Chloride (mg/l)	0																		
Dissolved Oxygen (mg/l)	10.15321	9.672581	10.63385	10.06	568.58	6.94	15.85	9.085	11.32	8.91	8.91	2.235	3.221073	1.794735	0.239832	0.479066	0.319	0.739352	0.628256
pH	7.866491	7.767074	7.965908	7.81	448.39	6.98	8.89	7.62	8.14	1.91	1.91	0.52	0.140387	0.374683	0.049628	0.206058	0.316327	0.289279	0.623134
Copper (ug/l)	5.36	2.670833	8.049167	4.4	53.6	2	11	2	9	9	9	7	14.13156	3.759196	1.188762	0.376061	0.687043	-1.8291	1.334249
Iron (ug/l)	1887	831.084	2942.916	1750	18870	230	5000	740	2800	4770	4770	2060	2178779	1476.089	466.7739	0.916813	0.687043	0.808154	1.334249
Zinc (ug/l)	10.375	6.094225	14.65578	9.7	103.75	2.25	24	6.1	13	21.75	21.75	6.9	35.80958	5.984111	1.892342	1.194985	0.687043	2.437032	1.334249

Station STM- 2		Valid N	Mean	Confid. -95.000%	Confid. +95.000%	Median	Sum	Minimum	Maximum	Lower Quartile	Upper Quartile	Range	Quartile Range	Variance	Std Dev.	Standard Error	Skewness	Std Err. Skewness	Kurtosis	Std Err. Kurtosis
Alkalinity (mg/l)		74	184.1622	173.3243	195	184	13628	71	300	155	214	229	59	2188.275	46.779	5.437948	-0.02895	0.279197	-0.03026	0.551684
Ammonia (mg/l as N)		74	0.191216	0.147646	0.234786	0.1	14.15	0.05	1.1	0.05	0.3	1.05	0.25	0.035367	0.188061	0.021862	2.131527	0.279197	6.551765	0.551684
BOD (mg/l)		35	4.242857	3.084815	5.400899	3.7	148.5	0.5	14	1.7	5.6	13.5	3.9	11.36487	3.371183	0.569834	1.512501	0.397694	2.256686	0.777794
COD (mg/l)		74	28.11757	25.93262	30.30251	27.1	2080.7	5.8	66	23	34	60.2	11	88.94037	9.43082	1.096311	0.901875	0.279197	3.136369	0.551684
Cyanide (mg/l)		73	0.039822	-0.0283	0.107939	0.005	2.907	0.005	2.5	0.005	0.005	2.495	0	0.085235	0.29195	0.03417	8.543186	0.281029	72.99052	0.555223
Nitrate (mg/l as N)		74	3.453378	2.688772	4.217985	2.45	255.55	0.05	13	1	4.7	12.95	3.7	10.89167	3.300252	0.383647	1.310173	0.279197	1.209389	0.551684
Total Phosphorus (mg/l as P)		74	0.255946	0.232332	0.27956	0.24	18.94	0.07	0.62	0.19	0.32	0.55	0.13	0.010389	0.101926	0.011849	1.202009	0.279197	2.956813	0.551684
Total Solids (mg/l)		74	532.9189	509.9388	555.8991	531.5	39436	240	977	478	581	737	103	8838.377	89.18859	11.53044	0.861983	0.279197	5.065688	0.551684
Suspended Solids (mg/l)		74	70.77027	56.63314	84.9074	60.5	5237	6	386	32	82	382	50	3723.412	61.01977	7.093404	2.584458	0.279197	9.880135	0.551684
Dissolved Solids (mg/l)		1	200			200	200	200	200											
Sulfate (mg/l)		0																		
TKN (mg/l as N)		74	1.589189	1.418483	1.759895	1.45	117.6	0.2	5.7	1.1	2	5.5	0.9	0.542895	0.736814	0.085653	2.566667	0.279197	12.45983	0.551684
E. col (CFU/100ml)		69	3734.058	164.6704	7303.446	530	257650	10	120000	210	1800	119990	1590	2.2E+08	14858.44	1788.746	7.31311	0.288737	57.15985	0.570095
TOC (mg/l)		0																		
Hardness (mg/l)		74	290.2838	275.2387	305.3289	297	21481	128	453	252	340	325	88	4217.055	64.93886	7.548899	-0.49341	0.279197	0.202781	0.551684
Chloride (mg/l)		0																		
Dissolved Oxygen (mg/l)		55	10.01091	9.402389	10.61943	9.85	550.6	5.42	15.61	8.41	11.24	10.19	2.83	5.066831	2.250962	0.30352	0.446378	0.321742	0.246859	0.633507
pH		57	7.879123	7.773888	7.984359	7.9	449.11	6.9	8.78	7.62	8.06	1.88	0.44	0.157305	0.396816	0.052533	0.005083	0.316327	0.082579	0.623134
Copper (ug/l)		73	6.258904	5.506731	7.011077	6	456.9	2	18	4.3	7.9	16	3.6	10.39301	3.223819	0.377319	1.267981	0.281029	2.761905	0.555223
Iron (ug/l)		73	2673.699	2048.535	3298.863	2100	195180	10	17000	1000	3300	16990	2300	7179499	2679.459	313.6069	2.948409	0.281029	12.0767	0.555223
Zinc (ug/l)		73	18.00959	15.41821	20.60097	15	1314.7	7.2	60	10	20	52.8	10	123.5581	11.10667	1.299937	1.730824	0.281029	3.031247	0.555223

Station: STM-37		Confid		Confid		Lower		Upper		Quantile		Standard		Std.Err.		Std.Err.	
	Valid N	Mean	-95.000%	+95.000%	Median	Sum	Minimum	Maximum	Quantile	Quantile	Range	Range	Variance	Std Dev.	Error	Skewness	Kurtosis
Alkalinity (mg/l)	72	185.1667	176.1847	194.1486	183.5	13332	100	288	166	206	188	40	1460.986	38.22285	4.504608	0.133419	0.282898
Ammonia (mg/l as N)	71	0.117608	0.091362	0.143849	0.05	8.35	0.05	0.6	0.05	0.1	0.55	0.05	0.012293	0.110873	0.013158	2.313894	0.284805
BOD (mg/l)	35	3.211429	2.640697	3.782181	3	112.4	1.2	8.3	1.7	4.2	7.1	2.5	2.760454	1.661461	0.280838	1.108427	0.397694
COD (mg/l)	71	28.16479	26.16393	30.16563	28	1999.7	2.5	57.2	23.4	32.3	54.7	8.9	71.45803	8.453285	1.00322	0.54625	0.284805
Cyanide (mg/l as N)	72	0.005847	0.005238	0.006457	0.005	0.421	0.005	0.02	0.005	0.005	0.015	0	6.7E-06	0.002593	0.000306	4.102301	0.282898
Nitrate (mg/l as N)	71	3.78662	2.934608	4.638632	3	268.85	0.05	18	0.8	5.4	17.95	4.6	12.95714	3.599603	0.427194	1.476959	0.284805
Total Phosphorus (mg/l as P)	71	0.258592	0.229549	0.287834	0.24	18.36	0.05	0.79	0.18	0.32	0.74	0.14	0.015055	0.122689	0.014562	1.75373	0.284805
Total Solids (mg/l)	72	570.2778	552.1682	588.3874	575	41060	397	727	515	623.5	330	108.5	5939.181	77.06595	8.08231	-0.14646	0.282898
Suspended Solids (mg/l)	72	71.23611	58.8633	83.60893	67.5	5129	4	264	31	92.5	260	61.5	2772.324	52.65286	6.205199	1.463581	0.282898
Dissolved Solids (mg/l)	0																
Sulfate (mg/l)	0																
TKN (mg/l as N)	0																
E. col (CFU/100ml)	70	1418	862.9899	1973.01	515	99260	10	11000	180	1800	10990	1620	5417984	2327.656	278.2082	2.909575	0.28675
TOC (mg/l)	0																
Hardness (mg/l)	72	307.4167	293.5941	321.2392	317	22134	110	442	269	344	332	75	3460.049	58.82218	6.932261	-0.7489	0.282898
Chloride (mg/l)	0																
Dissolved Oxygen (mg/l)	53	9.828113	9.370148	10.28608	9.9	520.89	6.42	13.64	8.76	10.7	7.22	1.94	2.760569	1.661496	0.228224	0.242103	-0.29655
pH	55	7.881455	7.798857	7.963052	7.9	433.48	7.1	8.41	7.72	8.1	1.31	0.38	0.091105	0.301836	0.0407	-0.66247	0.321742
Copper (ug/l)	11	4.238364	2.560264	5.912463	4.4	48.6	2	9.2	2	5.9	7.2	3.9	6.224545	2.494904	0.752242	0.748445	0.660687
Iron (ug/l)	9	1440	702.1487	2177.851	1100	12960	240	3200	810	1900	2960	1090	921425	959.9088	319.9696	0.64934	0.717137
Zinc (ug/l)	11	8.940809	6.562723	11.3191	8.2	98.35	2.25	15	6.8	12	12.75	5.2	12.53141	3.539973	1.067342	-0.17762	0.660687

# **APPENDIX B**

## **ST. MARYS RIVER WATERSHED WATERS ASSESSED**

### **IN THE CLEAN WATER ACT SECTION 305(b)**

#### **REPORT 1994 TO 1995**

# St. Marys Watershed Waters Assessed In The Clean Water Act Section 305(b) Report 1994-1995

<b>Waterbody</b>	<b>Nearest Town(s)</b>	<b>Status of Designated Use Support</b>	<b>Method of Assessments</b>	<b>Probable Cause of Impairment</b>	<b>Miles Affected</b>	<b>Comments</b>
St. Marys River	State Line to Near Fort Wayne	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E. coil	11.2	CSO problems and submerges of outlying septic systems during flooding; Decatur sewage problems.
St. Marys River	Fort Wayne	FS (Aquatic Life) NS (Recreational)	Monitored (c) (b)	E. coil	7.5	Pesticide (dieldrin) found in sediment at low level of concern.
St. Marys River	Fort Wayne	FS (Aquatic Life) NS (Recreational)	Monitored (c)	E. coil	8.2	Pesticides in sediment is low level of concern. Poly-nuclear Aromatic Hydrocarbons (PAH's) in sediment at low level concern. Copper and zinc found at medium concern levels in sediment. 4, menthylphenol found at low levels of concern in sediment.

# **APPENDIX C**

## **POTENTIAL STAKEHOLDERS FOR THE ST. MARYS RIVER WATERSHED**

## POTENTIAL STAKEHOLDERS FOR THE ST. MARY'S WATERSHED

Decatur City Mayor  
225 West Monroe Street  
Decatur, IN 46733

Adams Co. Building & Planning Comm.  
313 West Jackson Street # 338  
Decatur, IN 46733

Adams County Council  
112 South 2<sup>nd</sup> Street  
Decatur, IN 46733

Adams County Commissioners  
112 South 2<sup>nd</sup> Street  
Decatur, IN 46733

Adams County Drainage Board  
112 South 2<sup>nd</sup> Street  
Decatur, IN 46733

Adams County Extension Office  
13 West Jefferson Street # 213  
Decatur, IN 46733

Adams County Surveyor  
112 South 2<sup>nd</sup> Street  
Decatur, IN 46733

Adams County Solid Waste District  
3775 N 200 W  
Decatur, IN 46733

Adams County Health Department  
313 West Jefferson Street # 314  
Decatur, IN 46733

USDA Farm Service Agency  
210 E. Monroe Street # 1

Decatur, IN 46733

Adams County SWCD  
210-2 east Monroe Street  
Decatur, IN 46733

USDA-NRCS  
P.O. Box 4020  
Decatur, IN 46733

Berne City Mayor  
158 W. Franklin Street  
Berne, IN 46711

Adams County Cooperative Extension  
313 West Jefferson Street # 213  
Decatur, IN 46733

## WELLS COUNTY

County Surveyor  
102 W. Market Street # 107  
Bluffton, IN 46714  
(219) 824-6414

Wells County Plan Commission  
223 W. Washington Street  
Bluffton, IN 46714  
(219) 824-6407

Wells County Health Department  
223 W. Washington Street  
Bluffton, IN 46174  
(219) 824-6489

USDA NRCS  
117 W. Harvest Road  
Bluffton, IN 46174  
(219) 824-0624

Cooperative Extension Service  
1240 South 4-H Road  
Bluffton, IN 46714



(219) 824-6412

Wells County SWCD  
117 W. Harvest Road  
Bluffton, IN 46714  
(219) 824-1930

USDA Farm Service Agency  
117 West Harvest Road  
Bluffton, IN 46174  
(219) 824-0624

## **Allen County**

Fort Wayne Mayor's Office  
1 East Main Street # 900  
Fort Wayne, IN 46802  
(219) 427-1111

Fort Wayne City Council  
1 East Main Street # 122  
Fort Wayne, IN 46802  
(219) 427-1221

Allen County Commissioners  
1 East Main Street # 200  
Fort Wayne, IN 46815  
(219) 449-7555

Allen County Extension Service  
4001 Crescent Avenue  
Fort Wayne, IN 46815  
(219) 481-6826

Fort Wayne Flood Control  
1 East Main Street # 760  
Fort Wayne, IN 46802  
(219) 427-1135

Fort Wayne Solid Management  
1 East Main Street # 930

Fort Wayne, IN 46802  
(219) 427-1345

Fort Wayne Water Pollution  
5510 Lake Avenue  
Fort Wayne, IN 46802  
(219) 427-1143

Zoning Land Use Management  
1 East Main Street Fl 8  
Fort Wayne, IN 46802  
(219) 427-1129

Allen County Health Department  
Gary Chapple, REHS  
1 East Main Street Fl  
Fort Wayne, IN 46802  
(219) 449-7695

USDA NRCS  
2010 Inwood Drive  
Fort Wayne, IN 46815  
(219) 426-5441

Natural Resources Department  
1903 Saint Marys Avenue  
Fort Wayne, IN 46808  
(219) 426-0807

Allen County SWCD  
2010 Inwood Drive  
Ft. Wayne, IN 46815  
(219) 426-4637

Maumee River Basin Commission  
5521 Oak Valley Place, Suite 205  
Fort Wayne, IN 46845  
(219) 449-7871

Acres Land Trust  
Ted Heemstra  
[www.acres-land-trust.org](http://www.acres-land-trust.org)

## State St. Marys River Watershed Stakeholders

### Indiana Farm Bureau

225 S East St  
Indianapolis, IN 46202

### Indiana Department of Environmental Management

100 N. Senate Ave  
P.O. Box 6015  
Indianapolis, IN 46206-6015

IDEM Switchboard  
(317) 232-8603 or (800) 451-6027

Agricultural Liaison	(317) 232-8587
Air Management	(317) 233-0178
Community Relations	(317) 232-8128
Compliance and Technical Assistance	(317) 232-8172
Criminal Investigations	(317) 232-8128
Enforcement	(317) 233-5529
Legal Counsel	(317) 232-8493
Media and Communication Services	(317) 232-8560
Pollution Prevention And Technical Assistance	(317) 232-8172
Solid and Hazardous Waste Management	(317) 233-3656
Water Management	(317) 232-8670

### Indiana Department of Natural Resources

402 West Washington Street  
Indianapolis, IN 46204-2748

*IDNR Field Representatives are located in the individual*

Division of Engineering	(317) 232-4150
Division of Entomology And Plant Pathology	(317) 232-4120

Division of Fish & Wildlife	(317) 232-4080
Division of Forestry	(317) 232-4105
Division of Historic Preservation & Archaeology	(317) 232-1646
Division of Law Enforcement	(317) 232-4010
Division of Nature Preservation	(317) 232-4052
Division of Oil and Gas	(317) 232-4055
Division of Outdoor Recreation	(317) 232-4070
Division of Public Information and Education	(317) 232-4200
Division of Reclamation	(317) 232-1547
Division of Safety and Training	(317) 232-4145
Division of Soil Conservation	(317) 232-3870
Division of State Parks and Reservoirs	(317) 232-4124
Division of Water	(317) 232-4160

## **Indiana State Department of Health**

2 North Meridian St  
Indianapolis, IN 46204  
(317) 233-1325

## **Federal St. Marys River Watershed Stakeholders**

### **USDA Natural Resources Conservation Service**

6013 Lakeside Blvd  
Indianapolis, IN 46278  
(317) 290-3200

*NRCS Field Representatives are located  
in the counties.*

### **U.S. EPA Region 5**

77 West Jackson Blvd  
Chicago, IL 60604  
(312) 353-2000  
(800) 632-8431

### **U.S. Army Corps of Engineers**

#### **Louisville District**

Dr. Martin Luther King Jr. Place  
Louisville, KY 4020

# **APPENDIX D**

# **FUNDING SOURCES**

# FUNDING SOURCES

This listing of funding sources was derived from the November 1998 *Watershed Action Guide for Indiana*, which is available from the Watershed Management Section of IDEM.

## FEDERAL CONSERVATION AND WATERSHED PROGRAMS

### *Environmental Protection Agency*

#### Section 319, 604(b), and 104(b)3 Grants

Grants for conservation practices, water body assessment, watershed planning, and watershed projects. Available to non-profit or governmental entities. These monies, enabled by the Clean Water Act, are funneled through the Indiana Department of Environmental Management. *For details see IDEM below.*

### *U.S. Department of Agriculture (See county listings for local federal agency contacts.)*

**EQIP:** Environmental Quality Incentive Program. Administered by the Natural Resources Conservation Service. Conservation cost-share program for implementing Best Management Practices, available to agricultural producers who agree to implement a whole-farm plan that addresses major resource concerns. Up to \$50,000 over a 5- to 10- year period. Some parts of the state are designated Conservation Priority Areas and receive a larger funding allotments.

**WRP:** Wetland Reserve Program. Administered by the Natural Resources Conservation Service. Easement and restoration program to restore agricultural production land to wetland. Easements may be for 10 years, 30 years, or permanent. Longer easements are preferred. Partnerships with other acquisition programs are encouraged. Restoration and legal costs are paid by NRCS. Landowner retains ownership of the property and may use the land in ways that do not interfere with wetland function and habitat, such as hunting, recreational development, and timber harvesting.

**CRP:** Conservation Reserve Program. Administered by the Farm Service Agency with technical assistance from NRCS. Conservation easements in certain critical areas on private property. Agricultural producers are eligible. Easements are for 10 or 15 years, depending on vegetative cover, and compensation payments are made yearly to replace income lost through not farming the land. Cost share is available for planting vegetative cover on restored areas.

**WHIP:** Wildlife Habitat Incentive Program. Administered by the Natural Resources Conservation Service. Cost share to restore habitat on previously

farmed land. Private landowners who are agricultural producers are eligible. Cost share up to 75%, and contracts are for 10 years.

**FIP:** Forestry Incentive Program. Administered by the Natural Resources Conservation Service. Cost-share to assist forest management on private lands. Funds may be limited.

### *U.S. Fish & Wildlife Service*

**Partners for Wildlife:** assistance for habitat restoration.

## **STATE CONSERVATION AND WATERSHED PROGRAMS**

### *IDNR Division of Soil Conservation*

**LARE:** Lake & River Enhancement Program. Funds diagnostic and feasibility studies in selected watersheds and cost-share programs through local Soil & Water Conservation Districts. Project oversight provided through county-based Resource Specialists and Lake & River Enhancement Watershed Coordinators. Funding requests for Watershed Land Treatment projects must come from Soil & Water Conservation Districts. If a proposed project area includes more than one district, the affected SWCDs should work together to develop an implementation plan. The SWCDs should then apply for the funding necessary to administer the watershed project. Before applying for funding, the SWCDs should contact the Lake & River Enhancement Coordinators to determine (1) the appropriate watershed to include in the project, (2) if the proposed project meets the eligibility criteria, and (3) if funding is available.

### *IDNR Division of Fish & Wildlife*

**Classified Wildlife Habitat Program:** Incentive program to foster private wildlife habitat management through tax reduction and technical assistance. Landowners need 15 or more acres of habitat to be eligible. IDNR provides management plans and assistance through District Wildlife Managers. See county listings.

**Wildlife Habitat Cost-share Program:** Similar to above.

### *IDNR Division of Forestry*

**Classified Forest Program:** Incentive program to foster private forest management through tax reduction and technical assistance. Landowners need 10 or more acres of woods to be eligible. IDNR provides management plans and assistance through District Foresters. (See county listings.)

**Classified Windbreak Act:** Establishment of windbreaks at least 450 feet long adjacent to tillable land. Provides tax incentive, technical assistance through IDNR District Foresters.

**Forest Stewardship Program & Stewardship Incentives Program:** Cost share and technical assistance to encourage responsibly managed and productive private forests.

### ***IDNR Division of Reclamation***

**Appalachian Clean Streams Initiative:** Funds for acid mine drainage abatement.

### ***IDNR Division of Nature Preserves***

**State Nature Preserve Dedication:** Acquisition and management of threatened habitat.

### ***IDEM Office of Water Management***

**State Revolving Fund:** Available to municipalities and counties for facilities development. Will be available in 1999 for nonpoint source projects as well. Funding is through very low-interest loans.

**Section 319 Grants:** Available to nonprofit groups, municipalities, counties, and institutions for implementing water quality improvement projects that address nonpoint source pollution concerns. Twenty-five percent match is required, which may be cash or in-kind. Maximum grant amount is \$112,500. Projects are allowed two years for completion. Projects may be for land treatment through implementing Best Management Practices, for education, and for developing tools and applications for state-wide use.

**Section 205(j) Grants, formerly called 604(b) Grants:** Available to municipalities, counties, conservation districts, drainage districts. These are for water quality management projects such as studies of nonpoint pollution impacts, nonagricultural NPS mapping, and watershed management projects targeted to Northwest Indiana (including BMPs, wetland restoration, etc.)

**Section 104(b)(3) Grants:** These are watershed project grants for innovative demonstration projects to promote statewide watershed approaches for permitted discharges, development of storm water management plans by small municipalities, projects involving a watershed approach to municipal separate sewer systems, and projects that directly promote community based environmental protection. NOTE: the application time frame for IDEM grant programs is annually, by March 31<sup>st</sup>.

## PRIVATE FUNDING SOURCES

### ***National Fish and Wildlife Foundation***

1120 Connecticut Avenue, NW Suite 900, Washington DC 20036.  
Nonprofit, established by Congress 1984, awards challenge grants for natural resource conservation. Federally appropriated funds are used to match private sector funds. Six program areas include wetland conservation, conservation education, fisheries, migratory bird conservation, conservation policy, and wildlife habitat.

### ***Individual Utilities***

Check local utilities such as IPALCO, CINergy, REMC, NIPSCO. Many have grants for educational and environmental purposes.

### ***Indiana Hardwood Lumbermen's Association***

Indiana Tree Farm Program

### ***The Nature Conservancy***

*Land acquisition and restoration.*  
Southern Lake Michigan Conservation Initiative  
Blue River Focus Area  
Fish Creek Focus Area  
Natural Areas Registry  
Hoosier Landscapes Capitol Campaign

### ***Conservation Technology Information Center (CTIC)***

*'Know Your Watershed'* educational materials are available

### ***Indiana Heritage Trust***

*Land acquisition programs*

### ***Ducks Unlimited***

*Land acquisition and habitat restoration assistance*

### ***Quail Unlimited***

### ***Pheasants Forever***



***Sycamore Land Trust***

***Acres Inc.***

*Land trust*

***Oxbow, Inc.***

*Land trust*

## **SOURCES OF ADDITIONAL FUNDING OPPORTUNITIES**

***Catalog of Federal Funding Sources for Watershed Protection***

EPA Office of Water (EPA841-B-97-008) September 1997

**GrantsWeb: <http://www.srainternational.org/cws/sra/resource.htm>**